

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application.

Claims:

1. (Currently amended) A protection device for circuit-breakers, comprising a wireless communication system for transmitting locally to a dedicated computerized device, information corresponding to measurements of electrical quantities, to the setting of the parameters typical of the protection functions, or to diagnostics information corresponding to the electrical system, to the circuit-breaker, or to the protection device itself, wherein the transmission of said information comprises a plurality of sessions that may be distinct or multiple, said protection device being part of a plurality of protection devices that are programmable during said sessions, said protection device being assignable with specific parameters individually chosen during said sessions, said sessions comprising:

- a session of investigation of the presence of slave ports for communication;
- a further session, in which an initial communication session between a number of protection devices to a single dedicated computerized device is established;
- a further session, in which a choice for defining each time the active communication to a single protection device is made; and
- one or more further sessions, in which the programming of the protection devices takes place.

2. (Previously presented) A protection device according to Claim 1, wherein said dedicated computerized device is a PC, PDA or cell phone.

3. (Previously presented) A protection device according to Claim 1, wherein said wireless communication system is an integral part of the protection device itself.

4. (Previously presented) A protection device according to Claim 1, wherein said wireless communication system is an accessory module of said protection device.

5. (Previously presented) A protection device according to Claim 4, wherein said accessory module is inside the circuit-breaker itself.

6. (Previously presented) A protection device according to Claim 4, wherein said accessory module is outside the circuit-breaker itself.

7. (Previously presented) A protection device according to claim 1, wherein said wireless communication system is activated automatically at the approach of any portable dedicated computerized device in the area of transmission, said computerized device being enabled for connection to the protection device itself.

8. (Previously presented) A protection device according to claim 1, wherein said wireless communication system is activated via a push-button set in an appropriate point of the module, without the device verifying continually or periodically the presence of a dedicated computerized device.

9. (Currently amended) A protection device according to claim 1, wherein ~~an initial communication is established between a number of protection devices to a single dedicated computerized device~~ the communication between said wireless communication system and said dedicated computerized device occurs according to hierarchical enabling protocols.

10. (Currently amended) ~~A protection device according to Claim 9, wherein following upon initial communication between a number of protection devices to a single dedicated computerized device, a choice is made for defining each time the active communication to a single protection device~~ A protection device according to Claim 1, wherein it transmits measurements corresponding to the electrical system and the parameters of the protection functions to devices dedicated for their display, which are set locally in the neighborhood of the protection device itself.

11. (Currently amended) ~~A protection device according to one or more of the preceding claims, characterized in that claim 1, wherein the communication between said wireless communication system and said dedicated computerized device occurs according to hierarchical enabling protocols~~ A circuit-breaker, in particular a low-voltage one, including a device according to claim 1.

12. (Cancelled)

13. (Cancelled)

14. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 2.

15. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 3.

16. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 4.

15. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 5.

16. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 6.

17. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 7.

18. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 8.

19. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 9.

20. (New) A circuit-breaker, in particular a low-voltage one, including a device according claim 10.